

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 10138516 A

(43) Date of publication of application: 26 . 05 . 98

(51) Int. Cl.

B41J 2/21

B41J 2/13

B41J 2/51

(21) Application number: 08296955

(22) Date of filing: 08 . 11 . 96

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(57) Abstract:

PROBLEM TO BE SOLVED: To enable high speed printing and continuous printing operation of a large number of printing sheets.

SOLUTION: Respective color nozzle unit in a line (X) direction are divided into (N) color nozzle unit elements 205A, 205B, 205C, 205D, for example, four ones and dots (D1, D2, D3,...Dn) within respective divided lines are simultaneously formed in a state enabling printing advance while four elements are synchronously moved in the line (X) direction and the respective color nozzle unit elements 205 are sent from the front dot (D1) within each divided line to the rear dot (D2) therewithin and, during this period, respective dots (D1n-1, D1n) belonging to the row (F1) corresponding to the front dot (D1) within each divided line are formed in a state enabling printing advance at the same time by utilizing the high speed rotary movement of a printing medium M in a row (Y) direction.

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